

REMARKS:

The claims in the application are 44, 45, 50 and 54.

Favorable reconsideration of the application as amended is respectfully requested.

Claims 50 and 44 have been allowed in paragraphs 12 and 13 of the Final Office Action while Claim 45, indicated "allowed" in paragraph 14 of the Final Office Action, has been amended into independent form (it is noted pursuant to a telephone conference with the Examiner, Claim 45 should have been properly indicated allowable if amended into independent form, in paragraph 14 of the Final Office Action).

Claim 54, which has also been indicated allowable if amended into independent form and to eliminate the rejection under 35 U.S.C. §112, first paragraph, in paragraph 15 of the Final Office Action, has also been so amended. More particularly, Claim 54 has been amended into independent form and to delete the paragraph

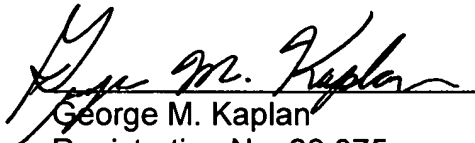
said device is structured and arranged to allow heterodyne detection of a single optical channel with defined wavelength without spatial separation from other optical channels of different wavelength

in accordance with the telephone conference with the Examiner, to thereby eliminate the rejection under 35 U.S.C. §112, first paragraph, of Claim 54 raised in paragraphs 6, 7, 16 and 17 of the Final Office Action. All other claims have been canceled without prejudice.

Accordingly, in view of the forgoing amendment, accompanying remarks, explicit statements in the Final Office Action and telephone conference with the Examiner, it is respectfully submitted all claims pending herein are in condition for allowance. Please contact the undersigned attorney should there be any questions. A petition for an automatic two month extension of time for response under 37 C.F.R. §1.136(a) is enclosed in triplicate together with the requisite petition fee.

Early favorable action is earnestly solicited.

Respectfully submitted,


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